



Docket No.: H0610.0002/P002  
(PATENT)

1744  
7-08-02  
#3  
131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Application No.: 10/053,559

Group Art Unit: 1744

Filed: January 24, 2002

Examiner: I. Soubra

For: METHOD AND APPARATUS FOR  
SEPARATION OF A LIQUID PHASE  
FROM A TWO PHASE FLUID IN A LOW  
DENSITY FRACTION AND A HIGH  
DENSITY FRACTION

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JUL 03 2002  
TC 1700

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned. The references have been cited in a Search Report from the Danish Patent Office in connection with the priority application.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an

admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

A statement regarding the relevance of each non-English language document is provided as follows:

Publication No. DK 126900 is not available in English. From the drawing, it appears that this apparatus, although built into a reactor, mixes two miscible liquids and does not separate them from each other, contrary to the apparatus claimed in the present application.

DE 37 04 991 A1 is not available in English. An English language abstract is provided. The abstract and drawings show that the feed of the disclosed apparatus is thoroughly mixed and thus not suitable for separating two miscible liquids from each other.

DE 26 02 123 A1 is not available in English. An English language abstract is provided. The abstract and drawings show that the disclosed apparatus is not suitable for separating two miscible liquids from each other.

WO 99/58909 is not in English, but includes an English language abstract. The disclosed apparatus separates steam, two immiscible liquids and solid particles. It does not concern separation of two miscible liquids, and it would not be possible to use the disclosed apparatus for this purpose as to feed undergoes turbulence when entering the apparatus.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

Application No.: 10/053,559

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hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. H0610.0002/P002.

Dated: June 28, 2002

Respectfully submitted,

By 

Stephen A. Soffen

Registration No.: 31,063

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/053,559
				Filing Date	January 24, 2002
				First Named Inventor	Sven I. Hommeltoft
				Art Unit	1744
				Examiner Name	I. Soubra
Sheet	1	of	1	Attorney Docket Number	H0610.0044/P044

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		6,083,391	07/2000	Pregenzer	
		4,664,802	05/1987	Lee	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0535886-A2	09/1993	Texaco Develop.		
		DK 126900-B	09/1973	Wirz	Relevance explained	
		DE 3704911-A	02/1987	Diefenbach	Abstract attached	
		DE 260223-A1	07/1977	Nolting	Abstract attached	
		WO 99/58909-A1	11/1999	Serrano et al.	Abstract	

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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